



TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture

Release Notes

Version 6.2.0 | August 2025

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New Features

The following features have been added in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture.

CDC-NoSqlDB Listener Activity

The CDC-NoSqlDB Listener activity captures change events from supported NoSQL databases for processing in TIBCO BusinessWorks™ using Kafka, Apache Pulsar, or other required activities.

The CDC-NoSqlDB Listener activity supports the following databases:

- **Apache Cassandra:** Version 4.x
- **MongoDB:** Versions 6.0.x, 7.0.x

For a complete list of supported database versions, see the [Readme](#) file.

CDC NoSQL Database Connection Resource

The NoSQL Connection Resource is used to maintain additional configuration required by the plug-in for supported NoSQL sources. Each NoSQL source is maintained in its own tab and section. This resource is used for establishing connections with NoSQL databases, which are utilized by the Debezium engine.

The NoSQL connection resource has two sections:

- Cassandra
- MongoDB

High-Availability via Fault-Tolerance

High-availability is now supported through the fault-tolerance mechanism.

CDC-DB Activity for Oracle Database

- **Service Name for Oracle**

The service name for Oracle is now supported in the Oracle JDBC connection string.

- **Capturing of DDL Changes on Oracle**

TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture now supports

capturing Data Definition Language (DDL) changes on Oracle database.

Changes in Platform Support

In this release, platform support for TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture has changed as follows:

Platform	Status	As of Version
macOS 14.x and 15.x 64-bit on x86-64	Added	6.2.0
macOS 11.x and 12.x 64-bit on x86-64	Removed	6.2.0

For a complete list of supported platforms, see the [Readme](#) file.

Changes in Functionality

No functionality changes have been made in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture.

Deprecated Features


No features have been deprecated as of this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture.

Removed Features

No features have been removed in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture.

Migration and Compatibility

The following information provides migration procedures and compatibility matrix for this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture.

 **Note:** Uninstall the older version before you install version 6.2.0.

Migrating Projects from Version 6.1.0 to Version 6.2.0

Procedure

1. In TIBCO Business Studio™ for BusinessWorks™, export the projects created in version 6.1.0 to a local disk.
 - a. From the menu, go to **File > Export**.
 - b. In the Export dialog, expand the **General** tab, select **Studio Projects to Archive**, and click **Next**.
 - c. In the Export Project dialog, select the projects that you want to export, and specify `export <path>/<destination>` in the **To Archive File** field.
 - d. Click **Finish** to export the selected projects.
2. Uninstall TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture 6.1.0.
3. Install TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture 6.2.0.
4. Start TIBCO Business Studio™ for BusinessWorks™ and create a workspace.
5. In the workspace, import the previously exported projects.
 - a. From the menu, go to **File > Import**.
 - b. In the Import dialog, expand the **General** tab, select **Existing Studio Projects into Workspace**, and click **Next**.
 - c. In the Import Projects dialog, click **Browse** next to the **Select archive file** field to select the projects that you want to import.

i Note: When importing an existing project to the current workspace of TIBCO Business Studio™ for BusinessWorks™, if you click **Select root directory** in the Import Projects dialog, you must select the **Copy projects into workspace** checkbox.

d. Click **Finish**.

For more details about the import and export procedures, see the TIBCO ActiveMatrix BusinessWorks™ documentation.

EAR File Compatibility

TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture 6.2.0 is compatible with EAR files created in version 6.1.0.

If you are using an EAR file created in version 6.1.0 with a new AppSpace and AppNode, then you must redeploy the EAR file.

If you are using an EAR file from version 6.1.0 with an existing AppSpace and AppNode, then perform the following steps:

Procedure

1. Shut down any AppNodes running ActiveMatrix BusinessWorks Plug-in for Change Data Capture applications.
2. Uninstall the earlier version of ActiveMatrix BusinessWorks Plug-in for Change Data Capture.
3. Install TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture 6.2.0.
4. Before starting the AppNode, the **config** folder inside the AppNode must be configured as follows:
 - a. Set the `bw.appnode.clean.config.folder.on.startup` property to `true` in the `config.ini` file of the AppNode.
 - b. Restart the required AppNodes.

TIBCO BusinessWorks™ Container Edition Compatibility

Design time:

To migrate a project from version 6.1.0 to version 6.2.0, import the project created in earlier versions directly to a TIBCO BusinessWorks™ Container Edition environment having version 6.2.0.

Run time:

The EAR file generated in version 6.1.0 can be directly used in version 6.2.0. For more details about migration, see the "Migration" topic in the TIBCO ActiveMatrix BusinessWorks™ documentation.



Note: The ActiveMatrix BusinessWorks Plug-in for Change Data Capture project created in version 6.1.0 is compatible with version 6.2.0. Also, the EAR file created in ActiveMatrix BusinessWorks Plug-in for Change Data Capture version 6.1.0 is compatible with version 6.2.0.

Closed Issues

The following issues have been fixed in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture.

Key	Summary
CDC-665	The Debezium engine requires an upgrade to a version higher than 2.2.
CDC-605	An exception is generated whenever a record is inserted or updated and captured by the Plug-in using PostgreSQL.
CDC-604	The Oracle JDBC connection string requires support for the service name.
CDC-532	The Installation guide requires a documentation update to include PostgreSQL database setup instructions.
CDC-504	The Plug-in needs support to capture Data Definition Language (DDL) changes on Oracle databases.
CDC-485	High-Availability support is needed through the Fault-Tolerance mechanism.

Known Issues

The following issues exist in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture.

Key	Summary and Workaround
CDC-655	<p>Summary: On RHEL, for a CDC-NoSqlDB activity, the field value type for all fields under Enable Fault Tolerance cannot be changed back to <code>Literal</code> or <code>Process</code> property after it is set to <code>Module</code> property.</p> <p>Workaround: None.</p>
CDC-649	<p>Summary: On RHEL, for a CDC-NoSqlDB activity, the field value type of the Snapshot checkbox cannot be changed back to <code>Literal</code> or <code>Process</code> property after it is set to <code>Module</code> property.</p> <p>Workaround: None.</p>
CDC-595	<p>Summary: On TIBCO ActiveMatrix BusinessWorks™ 6.11.0 or higher, if process properties are used for any checkbox on the Advanced tab of CDC-NoSqlDB or CDC-DB activities, the activities become unresponsive (convert into donuts) and do not recover, even after the values are changed back via the Literal value option.</p> <p>Workaround: None.</p>
CDC-588	<p>Summary: When attempting to edit the CDC shared resource using the shared resource picker in any CDC-NoSqlDB activity, the editor does not function.</p> <p>Workaround: Edit the CDC shared resource directly from the project instead of using the schema picker.</p>
CDC-453	<p>Summary: When plug-in is installed using p2installer, the <code>cdcinstall</code> utility fails to install SAP JCo Libraries.</p> <p>Workaround: Update the <code>cdcinstall.tra</code> file located at <code><TIBCO_</code></p>

Key	Summary and Workaround
	<p><i>HOME</i>>\bw\palettes\cdc\6.1\bin as: Change variable key-value from -Dtibco.cdc.sap.lib.esc=\${cdc.sap.jco.lib.name} to -Dtibco.cdc.sap.lib.esc=<LIBRARY_NAME>. For example: LIBRARY_NAME for Windows sapjco3.dll file.</p>
CDC-451	<p>Summary: When attempting to edit the CDC shared resource as part of the shared resource picker in the CDC-SAP listener activity, the editor does not work.</p> <p>Workaround: Edit the CDC shared resource directly from the project instead of from the schema picker.</p>
CDC-430	<p>Summary: The following error occurs, <code>ServerDataProvider</code> cannot be found and <code>JCoServerTIDHandler</code> cannot be found for BW shared resource.</p> <p>Workaround: Run the <code>cdcinstall</code> command after the ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture installation.</p>
CDC-191	<p>Summary: The Fetch button only works with literal table names for the DB Listener activity.</p> <p>Workaround: None.</p>

TIBCO Documentation and Support Services

For information about this product, you can read the documentation, contact TIBCO Support, and join TIBCO Community.

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the [Product Documentation website](#), mainly in HTML and PDF formats.

The [Product Documentation website](#) is updated frequently and is more current than any other documentation included with the product.

Product-Specific Documentation

The documentation for this product is available on the [TIBCO ActiveMatrix BusinessWorks™ Plug-in for Change Data Capture Documentation](#) page.

How to Contact Support for TIBCO Products

You can contact the Support team in the following ways:

- To access the Support Knowledge Base and getting personalized content about products you are interested in, visit our [product Support website](#).
- To create a Support case, you must have a valid maintenance or support contract with a Cloud Software Group entity. You also need a username and password to log in to the [product Support website](#). If you do not have a username, you can request one by clicking **Register** on the website.

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requests from within the [TIBCO Ideas Portal](#). For a free registration, go to [TIBCO Community](#).

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